

ABSTRACT

A vacuum fluorescent display including first and second substrates provided opposing one another, and a side glass provided between the first and second substrates to seal a space therebetween; filaments for emitting electrons when a voltage is applied thereto; first and second complex-type filament supports mounted to one of the substrates and supporting opposite sides of each of the filaments; and an anode provided on at least one of the substrates, the anode being illuminated by electrons to realize images, wherein each of the first and second complex-type filament supports includes a fixed plate fixedly mounted to the substrate, at least one tension arm mounted to the fixed plate, at least one tension head provided on a distal end of each of the tension arms, and at least one tensionless head to which one of the filaments is attached, the tensionless head being mounted to one of the tension arms.